

What is claimed is:

1. A method for the treatment of cancer, said method comprising administration of 4-desacetyl-4-methylcarbonate taxol and doxorubicin to a patient in need thereof.

2. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol and doxorubicin are administered sequentially.

~~3~~ 3. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol and doxorubicin are administered simultaneously.

~~3~~ 4. The method as claimed in claim 2, wherein said doxorubicin is administered initially followed by administration of 4-desacetyl-4-methylcarbonate taxol.

~~4~~ 5. The method as claimed in claim 2, wherein said 4-desacetyl-4-methylcarbonate taxol is administered initially followed by administration of doxorubicin.

6. The method as claimed in claim 1, wherein said doxorubicin is administered in a dosage unit ranging between about 40-200 mg.

7. The method as claimed in claim 1, wherein said doxorubicin is administered in a dosage unit ranging between about 40-150 mg.

8. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol is administered in a dosage unit ranging from between about 50-380 mg.

9. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol is administered in a dosage unit ranging from between about 50-300 mg.

5 10. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol and doxorubicin are sequentially infused into a patient and the interval between infusions ranges between about 30 minutes to about 24 hours.

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11. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol and doxorubicin are sequentially infused into a patient and the interval between infusions is about one hour.

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12. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol and doxorubicin are administered via an administration means selected from the group consisting of intravenous administration, intramuscular administration, intraperitoneal injection and oral administration.

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13. The method as claimed in claim 1, wherein said 4-desacetyl-4-methylcarbonate taxol and doxorubicin are administered intravenously.

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14. The method as claimed in claim 1, wherein said cancer is selected from the group consisting of breast cancer, ovarian cancer and lung cancer.

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15. A chemotherapeutic combination composition comprising a chemotherapeutically effective amount of 4-desacetyl-4-methylcarbonate taxol and doxorubicin.

35 16. The chemotherapeutic combination composition of claim 15 in a pharmaceutically acceptable carrier.

17. The method for the chemotherapeutic treatment of cancer in a patient in need of such treatment, comprising administering to said patient the composition of claim 16.

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